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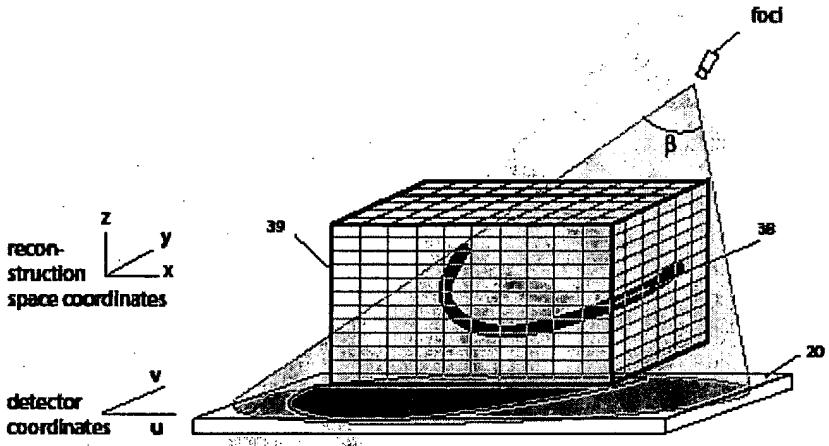

Figure 2

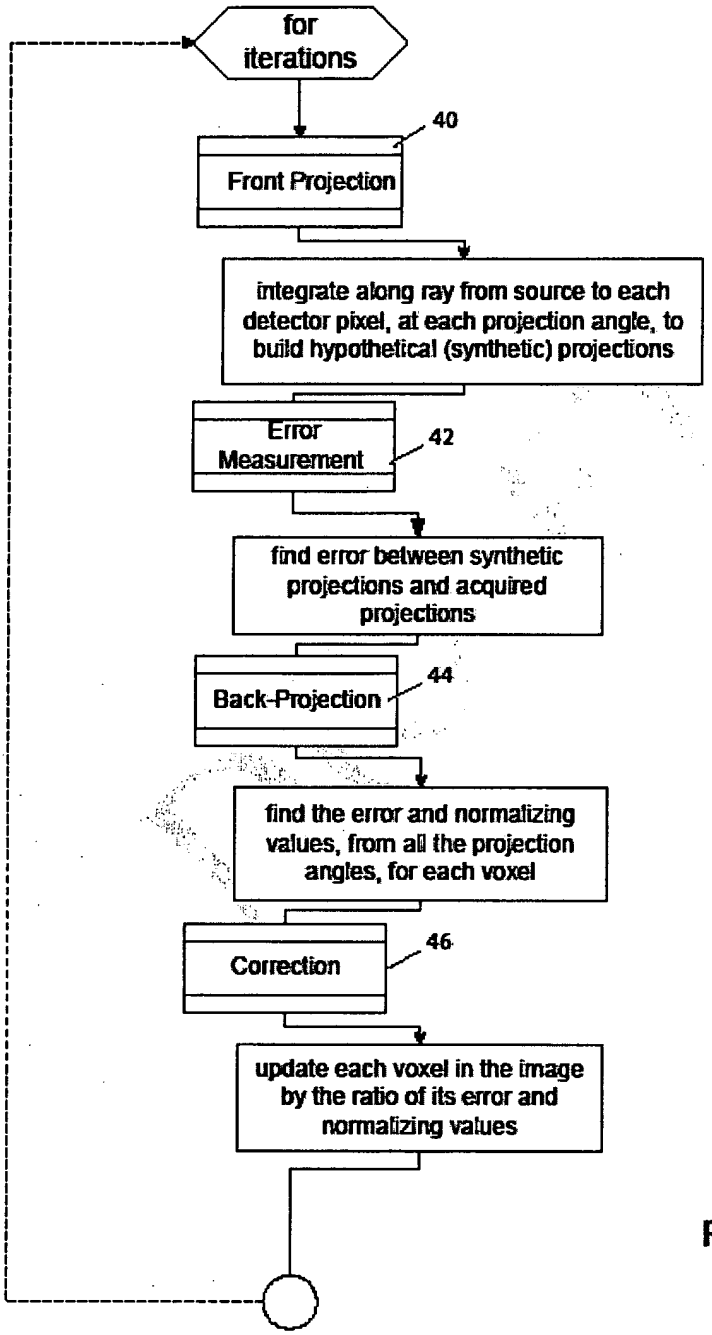

Figure 3

(Figures)

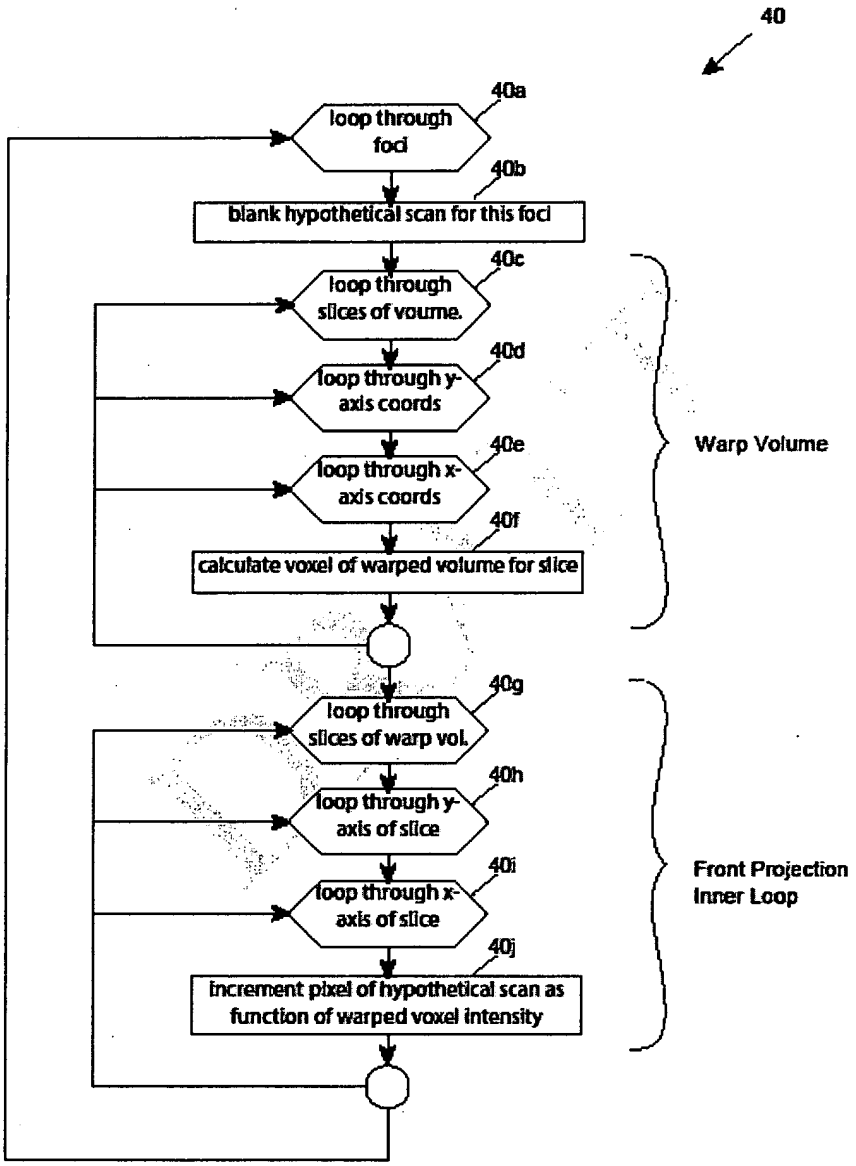
40
40a
loop through foci
40b
blank hypothetical scan for this foci
40c
loop through slices of voume.
40d
loop through y-axis coords
40e
loop through x-axis coords
40f
calculate voxel of warped volume for slice
Warp Volume
40g
loop through slices of warp vol.
40h
loop through y-axis of slice
40i
loop through x-axis of slice
40j
increment pixel of hypothetical scan as function of warped voxel intensity
Front Projection Inner Loop

Figure 4

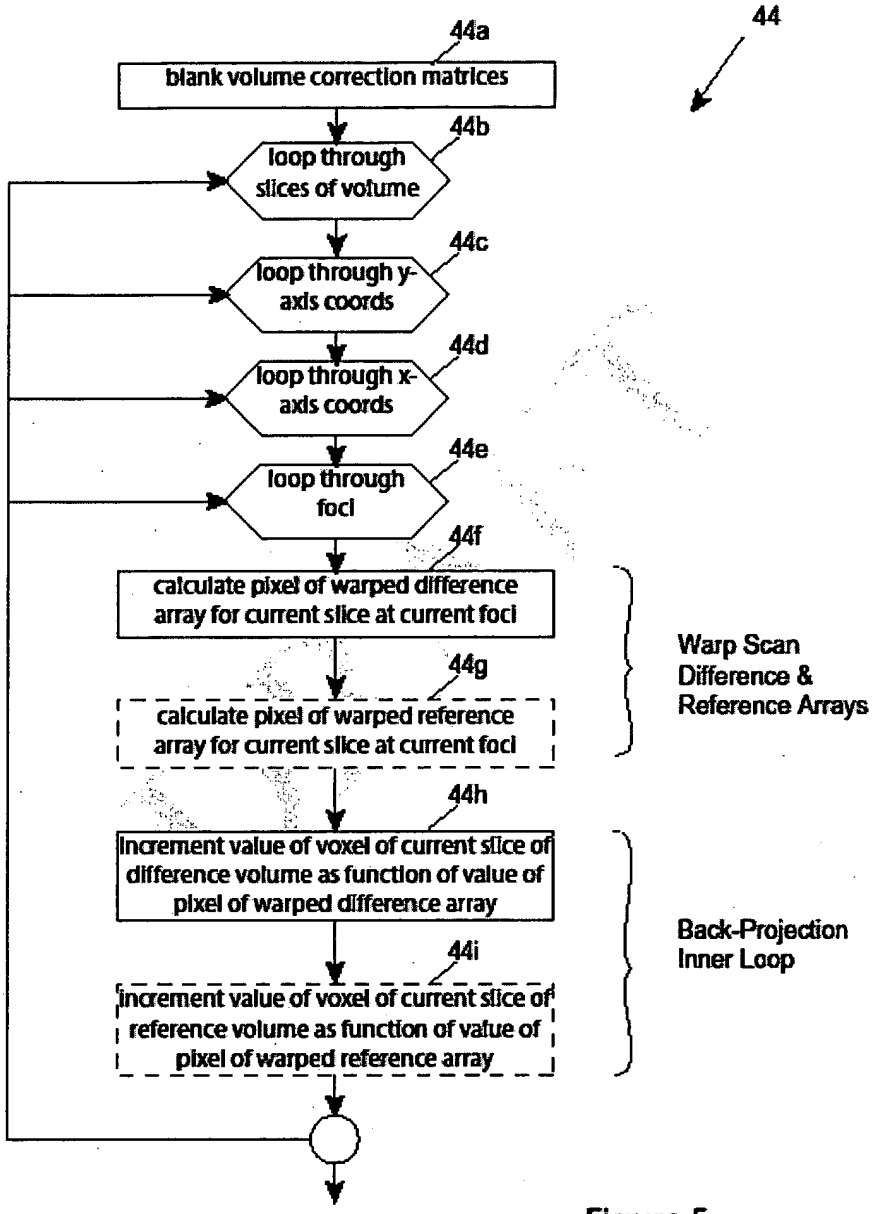
44
44a
blank volume correction matrices
44b
loop through slices of volume
44c
loop through y-axis coords
44d
loop through x-axis coords
44e
loop through foci
44f
calculate pixel of warped difference array for current slice at current foci
44g
calculate pixel of warped reference array for current slice at current foci
44h
increment value of voxel of current slice of difference volume as function of value of pixel of warped difference array
44i
increment value of voxel of current slice of reference volume as function of value of pixel of warped reference array
Warp Scan Difference & Reference Arrays
Back-Projection Inner Loop

Figure 5